# Investigate

* Use the following task to help you generate ideas for your project.
  1. What do you need to do?
  2. What do you know already about the task?
  3. What skills do you already have which will help you in this project?

**What do you need to know about the task?**

Formulate questions to guide your investigation (minimum of 5). Your questions should aim at answers which are not simple, such as ‘Yes’ or ‘No’. Your teacher will check your questions for their information extracting value

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| **My Research Questions:** |
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# What is the ‘need’ to be solved?

* Problem. **Hint:** This is the reason why we have to make a product. Do you think the problem is important (**for life or society or/and environment)**? Why do we have to solve it? Explain your answer.

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**How will your solution achieve this?**

* **Outline a simple design brief.** (*Your design brief is a short explanation of what you are going to make)****.*** Your design brief has to explain what you are going to make in order for you to solve the problem. (**Hint:** Include materials to be used, software/s, etc.)

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Look at a **broad range of resources.**

* + **Type** your output in a separate sheet of paper (A4) to be attached.Follow the MLA format and evaluate your resources.

**Design Specification**

What key features must the solution have? List them as your design specifications. These are features the solution **must** have in order to satisfy the design brief.

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| Specification Point | | Reason for choosing that point |
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Explain ways on how are you going to test your **the final product** and **evaluate** it against the design specification.

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